



DATABASE APPLICATIONS (240)

REGIONAL – 2020

Production:

Printout 1: Candidates Table	_____	(70 points)
Printout 2: Job Openings Table	_____	(75 points)
Printout 3: Relationship Report	_____	(20 points)
Printout 4: Top Candidate Query	_____	(55 points)
Printout 5: Top Candidate Contact Report	_____	(70 points)
<i>TOTAL POINTS</i>	_____	<i>(290 points)</i>

Judge/Graders: Please double check and verify all scores and answer keys!

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<i>Unless indicated otherwise, student receives all points or none.</i>	Points Possible	Points Earned
Printout 1 – Candidates Table (70 points maximum)		
Designed as instructed (5 points per field)	40	
Sorted by Applied Position (ascending)	10	
Cell Phone number has (xxx) xxx-xxxx input mask applied.	10	
Printed using best fit in landscape orientation (all data shows, 1 page)	10	
Misspellings or wrong data entered -1/2 pt per occurrence up to -10 max.		
Printout 2 – Job Openings Table (75 points maximum)		
Imported spreadsheet fields correctly (9 fields at 5 points a field).	45	
Added additional field as instructed (5 points per field)	5	
Formatted correctly (should look like example)	15	
Printed in landscape orientation (2 pages)	10	
Misspellings or wrong data entered -1/2 pt per occurrence up to -10 max. Should also be 0 points for imported spreadsheet correctly.		
Printout 3 – Relationship Report (20 points maximum)		
Title is Relationships for Region xx-xxxx-xxxx.	5	
One-to-Many relationship shown between Job Opening ID and Applied Position fields.	15	
Printout 4 – Top Candidate Query (55 points maximum)		
Title is Top Candidate Query XX-XXXX-XXXX	5	
Correct fields are included in the report (7 fields x 2 points each)	14	
Sorted by Job Opening ID (ascending) then by Total Score (descending)	10	
The Total Score values are correct (see answer key) (all or nothing)	10	
Only total score values that are 7 or greater appear in the query.	10	
Printed in landscape orientation, 1 page, all fields fully visible	6	
Printout 5 – Top Candidate Contact Report (70 points maximum)		
Title is Top Candidate Contact Report XX-XXXX-XXXX	5	
Correct fields are included in the report (6 fields x 2 points each)	12	
Report is grouped by Job Name.	10	
Correct records are displayed on the report (7 records x 4 points each)	28	
All field titles and entries can be completely seen (no hidden or truncated)	10	
Printed in landscape orientation, 1 page.	5	
Total Points Earned	290	



General Instructions

You have been hired as a database specialist and will be assisting on various activities throughout Professional Business Associates, located at 5454 Cleveland Avenue, Columbus, Ohio 43231. Professional Business Associates provides accounting and other financial services for clients.

1. You will have 90 minutes to complete your work.
2. Check that you have all the test pages.
3. Your name, initials, and school should *not* appear on any work you submit. Instead, type your contestant number everywhere XX-XXXX-XXXX appears.
4. If you finish before the end of the testing time, notify the administrator of the contest. Time may be a factor in determining a winner when there is a tie score.
5. When turning in your completed work, order the printed pages by job number, and place your scoring sheet on top of all of your jobs. **Turn in all pages printed including incorrect printouts** (draw a line through each incorrect printout and place it at the back of the group).

Project: The human resources department needs a database created to manage open job postings and prospective candidates. They have sent to you a spreadsheet that has the current job openings and have shared information about candidates for two of those postings. In this project you will create a candidate database, queries and reports to support the HR department.



6/6/2019

Candidates xx-xxxx-xxxx

CandidateID	First Name	Last Name	Cell Number	Applied Position	ExSkill1	ExSkill2	ExSkill3
114	Darnell	Yu	(393) 312-6033	41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
115	Keaton	Pollard	(393) 228-5483	41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
116	Siena	Morrison	(863) 692-0343	44	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
117	Talian	Roman	(393) 675-9929	44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
118	Ryann	Wheeler	(393) 548-5825	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
119	Athens	Haney	(863) 939-7612	44	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
120	Barrett	Dawson	(863) 733-8085	44	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
121	Melina	Luna	(393) 657-0519	41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
122	Adriel	Hooper	(393) 573-7052	41	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
123	Alice	Cruz	(393) 804-4679	44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
124	Adrianna	Molina	(393) 263-2358	41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
125	Darian	Pineda	(393) 276-3457	44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



6/6/2019

Job Openings xx-xxxx-xxxx

Job Opening ID	Job Name	Description	Preferred Experience	Preferred Experience	Preferred Experience	Starting Pay Rate
34	Cost Estimator	Prepare cost estimates	Collect historical cost data	Prepare estimates	Prepare estimates	\$29.50
35	Credit Analysts	Analyze credit data	Prepare reports that analyze credit data	Generate financial reports	Confer with credit analysts	\$33.00
36	Database Administrator	Administer, test, and schedule database	Test programs or data	Plan, coordinate and implement database changes	Select and enter data	\$41.00
37	Dispatcher	Schedule and dispatch	Monitor personnel	Relay work orders	Confer with customers	\$19.00
38	Food Technologist	Use chemistry, microbiology, and food science to develop new products	Inspect food processes	Stay up to date on food safety regulations	Develop food standards	\$31.00
39	Instructional Designers	Develop instructional materials	Present and make revisions	Define instructional objectives	Develop instructional materials	\$30.00
40	Insurance Adjusters	Investigate, analyze, and settle insurance claims	Examine claims for accuracy	Investigate and assess damages	Interview or correspond with claimants	\$31.00
41	Interviewers	Interview persons for employment	Ask questions in interviews	Contact individuals for interviews	Ensure payment for interviews	\$15.50
42	Payroll Clerk	Compile and record payroll	Process and issue paychecks	Compute wages and deductions	Review time sheets	\$20.50
43	Property Manager	Plan, direct, or coordinate property management	Manage and oversee property operations	Direct collection of rents	Plan, schedule, and coordinate maintenance	\$25.50
44	Public Relations Specialists	Engage in promotional activities	Respond to requests for information	Write press releases	Establish or maintain public relations	\$28.00



Printout 2 – Job Openings xx-xxxx-xxxx (page 2)

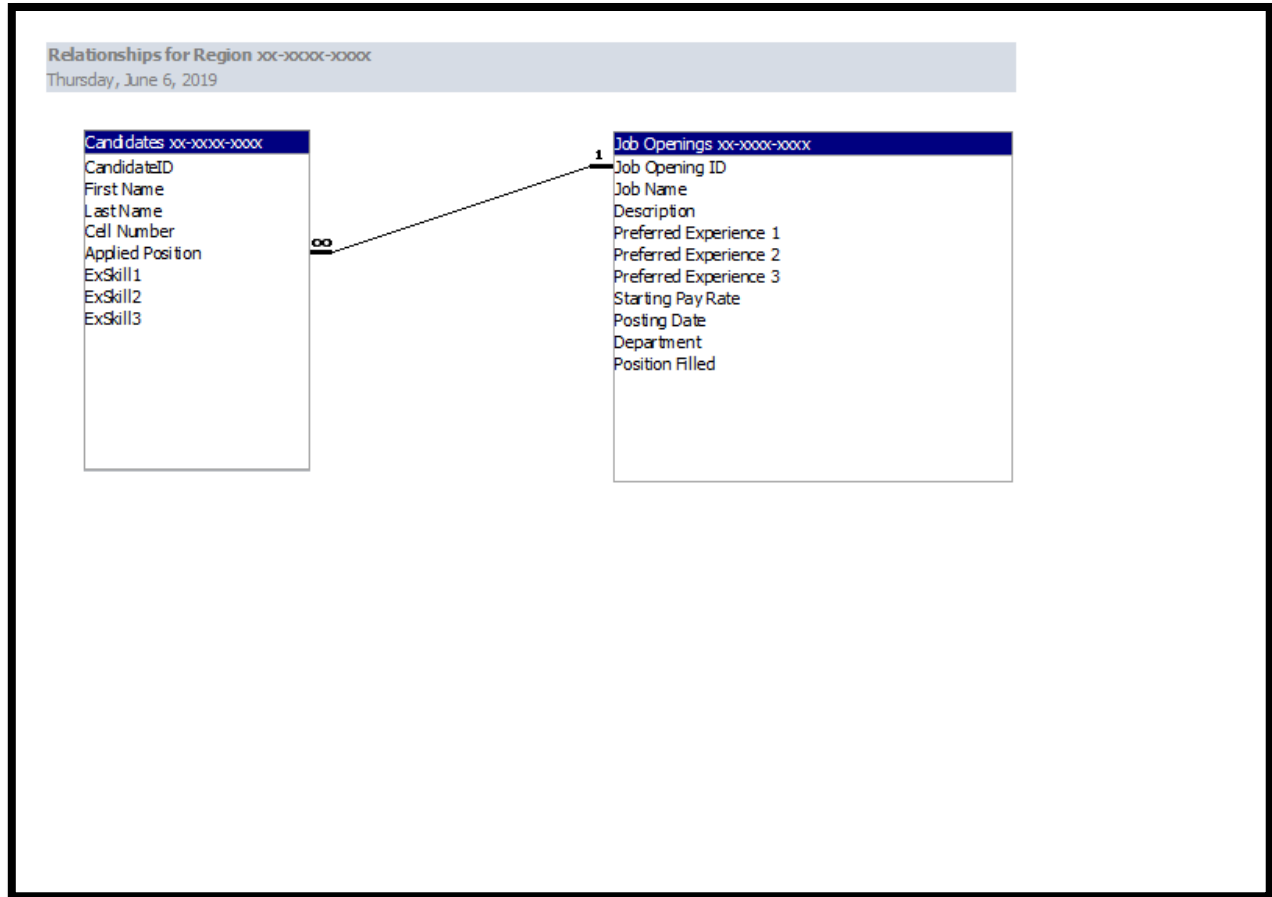
6/6/2019

Job Openings xx-xxxx-xxxx

Posting Date	Department	Position Filled
12/16/2019	Purchasing	<input type="checkbox"/>
12/16/2019	Finance	<input type="checkbox"/>
1/5/2020	IT	<input type="checkbox"/>
1/5/2020	Shipping	<input type="checkbox"/>
1/5/2020	Manufacturing	<input type="checkbox"/>
1/12/2020	IT	<input type="checkbox"/>
1/12/2020	Finance	<input type="checkbox"/>
1/19/2020	Human Resour	<input type="checkbox"/>
1/19/2020	Human Resour	<input type="checkbox"/>
1/19/2020	Finance	<input type="checkbox"/>
1/19/2020	Human Resour	<input type="checkbox"/>



Printout 3 - Relationships for Region xx-xxxx-xxxx





Printout 4 - Top Candidate Query xx-xxxx-xxxx

6/6/2019

Top Candidate Query xx-xxxx-xxxx

Job Opening ID	Job Name	CandidateID	ExSkill1	ExSkill2	ExSkill3	Total Score
41	Interviewers	115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11
41	Interviewers	121	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9
41	Interviewers	124	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7
41	Interviewers	114	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7
44	Public Relations Specialists	123	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11
44	Public Relations Specialists	117	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9
44	Public Relations Specialists	118	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7



Printout 5 - Top Candidate Contact Report xx-xxxx-xxxx

Top Candidate Contact Report xx-xxxx-xxxx					
Job Name	Total Score	CandidateID	First Name	Last Name	Cell Number
Interviewers	11	115	Keaton	Pollard	(393) 228-5483
	9	121	Melina	Luna	(393) 657-0519
	7	124	Adrianna	Molina	(393) 263-2358
	7	114	Darnell	Yu	(393) 312-6033
Public Relations Specialists	11	123	Alice	Cruz	(393) 804-4679
	9	117	Talan	Roman	(393) 675-9929
	7	118	Ryann	Wheeler	(393) 548-5825